

OUTLOOK

October 30, 1989

Graduate School Lecture Series Features Experts on 'Origins'

National Book Award winner Richard Rhodes and paleoanthropologist Richard Leakey will headline the Graduate School's 1989-90 Distinguished Lecture Series.

Rhodes and Leakey are among six experts from a variety of fields who will visit College Park to present lectures on the subject of "Origins." The series will begin with Harlem-born writer June Jordan speaking on "Origins of Black Woman's Poetry: Phillis Wheatley, 1753-1784" at 3:30 p.m. Tue., Nov. 21, in the School of Architecture Auditorium.

"[The purpose of the series] is to bring in people of stellar intellectual quality who are also able to project ideas in a way that cuts across divisional lines," Richard Price, chair of the series planning committee, says.

Jordan, who directs the poetry center and creative writing program at the State University of New York at Stonybrook, is a poet, novelist and dramatist. Her acclaimed works include the novel, *His Own Where*.

Physicist Leo Kadanoff will present a lecture on "Origins of Chaos" at 3:30 p.m. Mon., Nov. 27, in Rm. 2203 Art/Sociology. A past winner of the Wolf

Foundation Prize, Kadanoff teaches physics at the University of Chicago.

Leakey, director of national museums in Kenya, will speak on the "Origins of

Mankind" at 3:30 p.m., Feb. 8, in the Center of Adult Education Auditorium.

Leakey has received world-wide attention for his research on the origin of the

human species.

Rhodes, winner of the National Book Award for his history, *The Making of the Atomic Bomb*, will present a lecture on "The Origins of the Atomic Bomb" 3:30 p.m. Tue., Feb. 27, in the School of Architecture Auditorium. Rhodes' book chronicled the development of nuclear weapons from the birth of modern physics in the late 19th century to the first tests of the hydrogen bomb by the United States and Soviet Union.

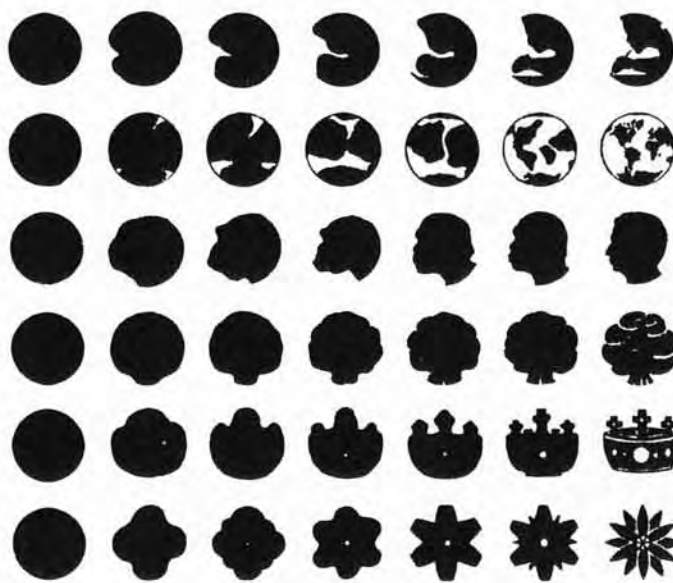
Gerda Lerner, a historian at the University of Wisconsin, will present a lecture on the "Origins of Patriarchy," April 23 in Rm. 2203 Art/Sociology. The former president of the Organization of American Historians, she has written extensively on women's history.

Steven Weinberg, a physicist at the University of Texas at Austin, will present the final series lecture, "Origins of Life," at a date and location to be announced. Weinberg's specialties include elementary particles, quantum field theory and cosmology.

Wine and cheese receptions will follow each lecture. ■

—Brian Busek

O · R · I · G · I · N · S



Opinion: On the Need for Community

The following are introductory remarks made at the annual convocation on Oct. 6 by Richard Farrell, faculty member in the Department of History and 1988-89 chair of the Campus Senate.

I would like to welcome you to the sixth convocation of Faculty and Associate Staff. Considering that this year marks the 150th anniversary of the University of Maryland at College Park, that's not very many opportunities for faculty and staff to join together to recognize some of our colleagues. I hope it is now an established tradition.

We have accomplished much in the past two years and have much to be proud of. We have a new president who listens, is available to faculty, staff and students, and has already clearly demonstrated his ability to lead an enormous and varied campus.

We have a vice president and provost who is a true scholar and a gentleman, and even though he is a physicist, he recognizes the importance of the humanities and social sciences.

We have a new dean of undergraduate studies who must be the most energetic in the country—and she certainly has the talents to match her incredible energy.

We finally have a permanent dean of Arts and Humanities who has already demonstrated that he is an exceptionally able administrator. More important,

however, now there is an historian leading the college. You can expect much from the college.

We have a landscape architect who, against great odds, is performing a minor miracle in transforming the campus. If only the construction contractors would leave him alone....

We have the approval of the Board of Regents for a new undergraduate studies program which will soon go into effect.

We have the approval of the board for the Campus Enhancement Plan.

We have bright, more articulate and interested students.

We have promises of new classrooms and renovation of old ones. We have some new, exciting faculty members, and I could go on. We even have the possibility of beating Penn State this year.

While we have accomplished much in these few years, we still have more to do. One of the areas that is lacking that is characteristic of all great academic institutions is a sense of community. Too many faculty teach their classes and go home. Too many students attend classes and then disappear; there are too few facilities for faculty and students and students and students to sit and talk informally.

All the pieces are in place to develop and strong and enduring commitment to the campus—but it is up to us to bring them together. Convocations of this type are a significant beginning. ■

Public Hearings To Be Held on Faculty Governance

Faculty who have particular views on the role of faculty in governance, including proposals for change or opinions on problems, here's your chance to be heard. The Ad-Hoc Committee on Faculty Governance appointed jointly by the Campus Senate and President William Kirwan will hold a public hearing on Tuesday, Nov. 7, 2-5 p.m. in Rm. 1124, Engineering Bldg. You are invited to show up and express your opinion.

Those unable to attend the session on that date will have another chance to express their views. A second session has been set for Wednesday, Dec. 6, Rm. 0101, Taliaferro Hall.

For information, call committee chair Robert Birnbaum, National Center for Postsecondary Governance and Finance, 454-1568. ■

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Newcombe Scholarships for Adult Women Available

A scholarship fund for adult women is available through the Returning Students Program of the Counseling Center, Learning Assistance Service. Provided by the Charlotte W. Newcombe Foundation, the funds will be divided among students who fulfill three requirements. They must be 25 years old or older, admitted as full or part-time students at UMCP for spring 1990 semester, and have demonstrated their academic ability and commitment to their

educational goals by having completed at least half of the credits needed for degrees by the end of fall 1989 semester. Special consideration will be given to women with verifiable financial need and women with disabilities. Application deadline is Fri., Nov. 17. For details contact Barbara Goldberg or Beverly Greenfeig at 454-6050.

RESEARCH HIGHLIGHTS

Waveriders May be the Next Generation of Planetary Probes

Within the last several years the field of hypersonic (speeds exceeding Mach 6 or six times the speed of sound) aerodynamics has experienced a resurgence of attention following a period of neglect and disinterest.

Research activity has been stimulated by the proposed National Aero-Space Plane, a research vehicle intended to demonstrate the use of hypersonic air-breathing propulsion for transatmospheric and eventually single-stage-to-orbit flight operations.

Various designs for the so-called "space plane" include new high-temperature materials that resist heat of up to 3,000 degrees Fahrenheit, hydrogen fuel and scramjet engines that can use the oxygen in the thin air of Earth's upper atmosphere.

The waverider is the next generation of hypersonic air and space craft design. Waveriders represent a class of airframe configurations that are specifically designed so the vehicle structure provides an optimum lift-to-drag ratio. Waverider craft could travel at speeds of 17,000 miles-per-hour (25 times the speed of sound), escape Earth's gravity and circle the globe in 90 minutes.

Mark Lewis, assistant professor of aerospace engineering, and Ajay P. Kothari, a research engineer in the department, believe the high lift-to-drag hypersonic configurations could provide advantages in vehicles designed to explore and maneuver in the atmospheres of other planets.

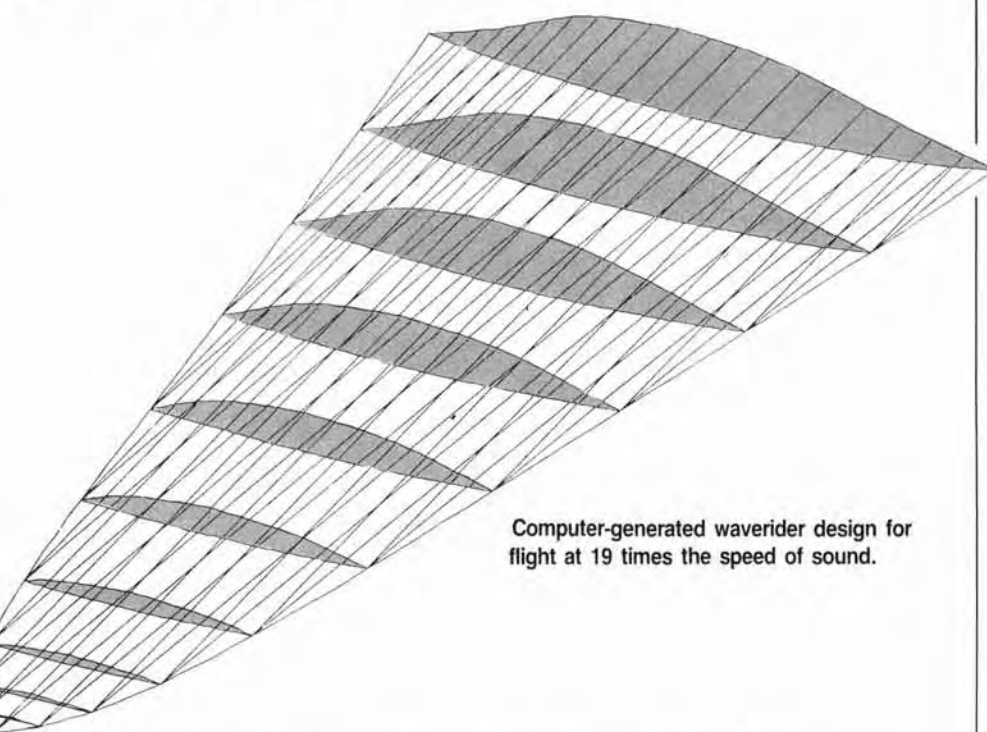
The two UMCP researchers recently delivered a paper on the use of hypersonic waveriders for planetary exploration at the Second International Conference on Solar System Exploration held

in Pasadena. The meeting was sponsored by the American Institute of Aeronautics and Astronautics and the Jet Propulsion Laboratory.

Lewis and Kothari suggest several possible applications of the waverider technology, including long-range cruising probes in the atmospheres of gas giant planets like Jupiter and Uranus, atmospheric penetration flybys of Mars and Venus, and multiple-moon trajectory in which a space probe could be sent to one of the gas giants and systematically visit each of its moons by modifying its orbit with atmospheric assistance.

The different atmospheric compositions of the various planets would have an impact on the shape of a waverider, they say. Hypersonic similarity rules cannot be applied between different planetary atmospheres. Consequently, the basic vehicle shape of the planetary waveriders would differ according to their specific missions.

The exact shape of these waveriders for different planetary atmospheres will be the subject of an invited paper by John Anderson, professor of aerospace



Computer-generated waverider design for flight at 19 times the speed of sound.

engineering, along with Lewis, Kothari and Stephen Corda, of the Johns Hopkins Applied Physics Laboratory. The paper will be delivered at the AIAA Aerospace Sciences meeting next January.

Next October, the Department of Aerospace Engineering, the College of

Engineering, and the National Aeronautics and Space Administration (NASA) will sponsor the first International Hypersonic Waverider Symposium. It will be held on the College Park campus. ■

—Tom Ottwell

Astronomy Observatory Offers Open Houses

The Astronomy Program sponsors a Public Open House on the 5th and 20th of every month with free talk and slide show programs and the opportunity to observe celestial objects through the optical telescopes there.

The Open House programs through Feb. 5 are as follows:

Nov. 5, Sunday, "BIMA: The Berkeley Illinois Maryland Array" will be discussed by Lee G. Mundy. BIMA is a radio telescope in Hat Creek, Calif. that is partly owned by the university. It is used for major research on the composition of various cosmic phenomena.

Nov. 20, Monday, "The Current Sunspot Maximum" will be discussed by Donat G. Wentzel. Sunspots will be reaching the peak of their current 11-year cycle in the coming months and Wentzel will explain this phenomenon.

Dec. 5, Tuesday, "Nemesis: The Sun's Companion," will be presented by Roger A. Bell, chair of the Astronomy Program.

Dec. 20, Wednesday, J. Patrick Harrington will discuss "Sun Gods and Prehistoric Europe."

Jan. 5, Friday, "Compact X-Ray Sources" will be the subject of William K. Rose's lecture.

Jan. 20, Saturday, "Solar Flares" should be peaking by this time and Edward J. Schmahl will explain them and their effects on the Earth.

Feb. 5, Monday, Stuart Vogel will discuss the "Birth of Stars."

All programs begin at 8 p.m. No reservations are required for individuals or families. Groups larger than ten (excluding families) must arrange, five days prior to an open house, for a special 7 p.m. lecture. The observatory is located on Metzger Road in College Park. For more information, call 454-3001. ■

OUTLOOK

Outlook is the weekly faculty-staff newspaper serving the College Park campus community.

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Letters to the editor, story suggestions, campus information & calendar items are welcome. Please submit all material at least three weeks before the Monday publication. Send it to Roz Hiebert, Editor Outlook, 2101 Turner Building, through campus mail or to University of Maryland, College Park, MD 20742. Our telephone number is (301) 454-5335.



Meteorology Reelected to Research Corporation

The Dept. of Meteorology was re-elected, Oct. 10, for another eight year term of membership in the prestigious University Corporation for Atmospheric Research.

UCAR is a meteorological research cooperative of the 58 North American universities that manage the National Center for Atmospheric Research (NCAR) in Boulder, Colo. All member institutions are Ph.D. granting institutions in atmospheric science and/or oceanography. UCAR and NCAR are largely funded by the National Science Foundation.

Ferdinand Baer, a professor in the Dept. of Meteorology, is a member of

UCAR's 15 member board of trustees. He also is the University of Maryland's scientific representative to UCAR. David S. Sparks, vice chancellor for academic affairs, is the university's institutional representative to UCAR.

According to Baer, member universities work together and independently on large research projects by sharing resources available through UCAR. "We're able to do research on a level that we wouldn't be able to do alone," he says. "UCAR brings us together in a very friendly research environment."

According to Baer, the university has been using a state-of-the-art computer

center through NCAR for 25 years. The center also has an Atmospheric Technology Facility which provides, among other observational equipment, three airplanes for atmospheric data gathering. "These are some of the resources that we could not have without membership in UCAR," Baer says.

NCAR also makes resident scientists available to member institutions and has a post-doctoral study program that allows students to visit NCAR to conduct research. ■

Publications Explain Everything You Ever Wanted to Know About Commuting

Each year the Office of Commuter Affairs publishes a series of helpful brochures on topics of interest to students, faculty and staff. Current materials include UMaps, "Find Yourself" guides, Shuttle UM route maps and schedules, information on carpooling and other transportation alternatives to College Park, apartment directory/maps, guides for finding jobs, and information about leisure activities. To request copies of any of these free brochures, call 454-5274.

Chancellor Emeritus John Toll to be Honored at Dinner

The University of Maryland System Board of Regents and the University of Maryland Foundation are hosting "A Salute to John Toll," a dinner celebration to honor the university system's chancellor emeritus. The celebration will begin at 7 p.m. on Thursday, Nov. 16 at Martin's Crosswinds, 7400 Greenway Center Drive in Greenbelt.

Toll ended 10 years of leading the

University of Maryland and one year of leading the University of Maryland System on Sept. 4.

Dinner reservations are \$75 each (\$700 for a table of 10). Contributions are also being sought to support the John S. Toll Endowed Professorship in the Department of Physics and Astronomy at the University of Maryland at College Park.

To make reservations for the dinner,



John Toll

send a check and number of reservations to: The University of Maryland Foundation, A Salute to John Toll, 3300 Metzgerott Road, Adelphi, MD 20783. For more information about the dinner and the Toll Professorship, call 853-3715 at the System Administration Office in Adelphi. ■

Regents Approve Split in Communication Arts and Theatre

The former Department of Communication Arts and Theatre will function as three separate departments under a split approved by the Board of Regents at its Oct. 19 meeting.

The 41 faculty members and 1,100 undergraduate and graduate students in the former department will reside in new departments of Radio-Television-Film, Theatre, and Speech Communication. College Park proposed the split in order to create a more efficient administrative structure in the programs and to provide greater focus in the academic areas affected.

In anticipation of the regents' decision, the departments reconfigured their offices over the summer and began the academic year under the direction of separate unit coordinators. With the split, the coordinators will become department chairs. They are: Andy Wolvin (Speech Communications), Robert Kolker (Radio-Television-Film) and Roger Meersman (Theatre).

Degree programs offered in the areas affected by the split will remain unchanged.

In other business affecting College Park academic programs, the regents approved proposals to add a master of science degree in systems engineering and a bachelor of arts degree in Italian

Language and Literatures and discontinue the bachelor of science degree in architecture/urban studies.

The systems engineering degree is planned as an interdisciplinary program to help fill a need in the professional community for engineers trained in the design and management of information, automation, communication and manufacturing systems. The colleges of engineering and business and management and the department of psychology are expected to share joint appointments with the Systems Engineering Center as part of the program.

The Italian degree is designed to offer a new language option to students, although it will not require the university to add faculty or resources for the small number of majors expected in the program. College Park is the only major state university on the East Coast that currently does not offer an Italian degree.

Lack of interest led to the recommendation to drop the architecture/urban studies bachelor of science degree beginning in Fall 1990. With most architecture students pursuing graduate degrees, few students have sought the bachelor of science. Currently, one student is enrolled in the program. ■

—Brian Busek

Libraries Selected for Online Pilot Project

The University of Maryland Libraries has been selected as one of 14 participants in a Remote Online LOCIS User Pilot project. The six-month experiment will put the Library of Congress online to the nation by offering direct access to its bibliographic, Congressional bill status, copyright, and referral information at sites across the country.

The university Libraries was selected from among roughly 65 applicants, including 39 research libraries.

Other participants are: Boston Public Library, California State Library, District of Columbia Public Library, Duke University, Florida State University School of Library and Information Studies, University of Kentucky/Kentucky State Library, Lehigh University, Los Alamos National Laboratory, University of Michigan, New York State Library, Oregon State Library, University of Southern California, and the United States Information Agency. ■

Faculty Emeriti to be Honored

College Park will pay homage to 17 distinguished members of its academic community at the 1989 Faculty Emeriti Awards Dinner, Monday, November 13 in the Grand Ballroom Lounge of the Adele H. Stamp Student Union.

The annual program will begin with a cocktail reception at 6:30 p.m. followed by dinner at 7:15 p.m. A program featuring welcoming remarks by J. Robert Dorfman, Vice President for Academic Affairs and Provost, and remarks by Nancy K. Schlossberg, professor in the Department of Counseling and Personnel Services, will begin at 8 p.m.

The title of Schlossberg's remarks is "Opportunities for New Passions." Dorfman will present plaques of appreciation to the faculty emeriti.

The seventeen honorees are:

A. Morris Decker, Vagn E. Flyger and W. Lamar Harris, College of Agriculture; Graciela P. Nemes and Moreland Perkins,

College of Arts and Humanities; Barbara R. Bergmann and Robert A. Harper, College of Behavioral and Social Sciences, and Avron Douglass, William C. Erickson, Alan J. Faller, Richard A. Good, Martin H. Pearl, and Joseph Weber, College of Computer, Mathematical and Physical Sciences.

Other emeriti are:

Albert Gomezplata, College of Engineering; L. John Martin, College of Journalism; John O. Corliss, College of Life Sciences, and C. Raymond Anderson, Associate Dean Emeritus, College of Education.

Reservations for the dinner are \$10 per person. Checks should be made payable to the University of Maryland and sent to Carolyn Ent, Room 2120T Turner Building, UMCP, not later than Monday, November 6. ■

Ground Broken for New Firefighters Training Center

A ground breaking ceremony, hosted by College Park, was held October 22 for a new facility that will be used to train firefighters from Harford, Cecil and Baltimore counties and the U.S. Army Test and Evaluation Command at Aberdeen Proving Ground (APG).

The Northeast Training Center will be constructed by the Maryland Fire and Rescue Institute of the University of Maryland (MFRI) on 40 acres near the APG's Phillips Army Airfield. Construction is scheduled to begin in December and the facility is expected to be completed by October 1990.

President William E. Kirwan was the key speaker during the ceremony at which Charles Reilly, chair of the Maryland Fire and Rescue Education

Training Commission, and representatives of the three counties and APG participated. Officials from federal, state and county agencies attended the event.

MFRI is the university's state-wide educational and training program that provides training for fire departments, rescue squads and emergency medical organizations as well as industry. It conducts symposiums, training labs and workshops throughout the state and in seven regional offices supported by mobile teaching labs. ■

Calendar

October 30 to November 8

Scholarships Available for Adult Women

A scholarship fund for adult women is now available through the Returning Students Program of the Counseling Center's Learning Assistance Service. To qualify, women must be 25 years or older, be admitted as full- or part-time undergraduate students at the University of Maryland at College Park, and have completed at least half of the credits necessary for degrees by the end of fall semester, 1989. Special consideration will be given to women with verifiable financial need and/or women with disabilities. The deadline for applications is Friday, November 17. Call 454-6050 for more information.

30 MON

Art Exhibitions: "Picturing America: Art as Expression and Education, 1920-1945" and "The Andy Warhol Athlete Portraits," selections from the permanent collection, through Nov. 22, The Art Gallery, Art/Sociology Bldg. Call x2763 for info.

Architecture Exhibit: "Nikken Sekkei: Its Ninety Years and the Modernization of Japan," through November 15, Architecture Gallery. Call x3427 for info.

31 TUE

CRS Registration Closes, for Racquetball Doubles, 3-on-3 Basketball, Coed Full Court Basketball. Call x3124 for info.

Center for Jewish Studies Lecture: "The Status of Women in the Talmud," Judith Romney Wegner, U. of Massachusetts, 9:30 a.m., 0101 Jimenez Hall. Call x7251 for info.

Center for Jewish Studies Lecture: "Faith and Reason in Judaism: The Controversy Over Philosophy," Raphael Jospe, 12:30 p.m., 3205 Jimenez Hall. Call x7251 for info.

Spanish & Portuguese 1992 Lecture: "Transformations of Time and Space: Oaxaca, Mexico c.1500-1700," Arthur Miller, 5 p.m., 2309 Art/Soc. Bldg. Call x4305/6 for info.

Feminism Seminar: "Gender and Deaf Culture," Barbara Kannapel, founder, Deaf Pride, 8 p.m., 2203 Art/Sociology Bldg. Call x3841 for info.

Movies: "Son of Frankenstein" and "Hound of the Baskervilles," Hoff theater. Call x2594 for info.*

1 WED

CRS Registration Begins, for Team Billiards. Call x3124 for info.

Employee Development Seminar: "Improving Your Job Performance," Maryland State Clerical Training Institute, 9 a.m.-4 p.m., Physical Plant Training Room, Maryland Fire and Rescue Institute, 2nd Floor, \$25. Call x4811 for info.*

Research and Development Meeting: "Sign Language Interpretation: The State of the Art," Carol Wilde-Mermon, noon, 0106 Shoemaker Bldg. Call x2932 for info.

CIDCM Brown Bag Lunch: "Overcoming Cultural Barriers in International Negotiations," Paul Kimmel, U. S. Institute of Peace Fellow, 12:30-2 p.m., 2nd Floor, Mill Bldg. Call x2506 for info.

International Coffee Hour, 3-4:30 p.m., 0205 Jimenez Hall. Call x4925 for info.

Writers Here and Now Poetry Reading, featuring C. D. Wright, 3:30 p.m., Katherine Anne Porter Room, McKeldin Library. Call x2511 for info.

Career Development Center Workshop, "Job Search Strategies for Practical Training: A Workshop for F-1 & J-1 Visa Holders," featuring recent international graduates, 4-6 p.m., Room S, Hornbake Library. Call x2813 for info.

Astronomy Colloquium: "The Space Telescope Imaging Spectrograph," Bruce Woodgate, Goddard Space Flight Center, 4 p.m., 1113 Computer & Space Sciences Bldg. Call x3512 for info.

1989 Kibel Architecture Lecture: "Remnants, Traces, Transformations," Peter Rose, 7:30 p.m., Architecture Auditorium. Call x3427 for info.



Wind Soloists of the Chamber Orchestra of Europe, performing Nov. 3 at 8 p.m., Center of Adult Education

Women's Volleyball vs. Georgetown, 8 p.m., Cole Field House. Call x2123 for info.

Movie: "Mississippi Burning," Hoff Theater. Call x2594 for info.*

2 THU

AAUP Meeting, featuring Mary Gray, Chairperson of Committee "W," and member of Committee "A," discussing her work with "W" and AAUP Chapter and Headquarters relations, 2119 F. S. Key Hall. Call x8768 for info.

Applied Dynamics Seminar, two 20 minute talks by Qi Chen and Brian Hunt, NSWC, noon, 1207 Energy Research Bldg. Call x3512 for info.

Experimental Relativity Seminar: "Geometrical Meteorology Errors," M. V. Moody, noon, 1304 Physics Bldg. Call x3512 for info.

Condensed Matter Seminar: "Surface Structural Studies of Epitaxial Crystal Growth," W. F. Egelhoff, NBF, 1:30 p.m., 4220 Physics Bldg. Call x3512 for info.

Meteorology Seminar: "The Biennial Component at ENSO Variability," Eugene Rasmusson, 3:30

p.m., 2114 Computer and Space Sciences Bldg. Call x2708 for info.

Economics and National Security Seminar: "After FSX: The Aerospace Industry and U.S.-Japan Relations," Ambassador Robert Ellsworth, 4 p.m., Student Lounge, Morrill Hall. Call x3457 for info.

Nuclear Theory Seminar, title TBA, Gerald E. Brown, SUNY-Stony Brook, 4 p.m., 1126 Physics Bldg. Call x3512 for info.

CHPS Seminar: "Kepler's World Harmony: Human, Natural, and Divine," Eric Aiton, retired from Manchester Polytechnic Institute, 4 p.m., 1117 F. S. Key Bldg. Call x2850 for info.

Greater Washington Solid-State Physics Colloquium: "Issues in Surface Magnetism," Samuel D. Bader, Argonne National

Laboratory, 8:30 p.m., 1410 Physics Bldg. Call x7039 for info.

Movie: "Weekend at Bernie's," Hoff Theater. Call x2594 for info.*

3 FRI

Geology Seminar: "New Techniques for the Control of Water Infiltration Into Near Surface Low-Level Waste Disposal Units," Robert W. Ridky, 11 a.m., 0103 Hornbake Library. Call x3548 for info.

Anthropology Tea and Tell Lecture: "Plant Toxins, Cultural Practices and Human Disease," Fatimah Linda Jackson, U. of Florida, noon, 0124 Skinner Hall. Call x4154 for info.

AAUW Lunch Bunch: "AAUW Legal Advocacy Fund: What it is, What it Does," noon, Rossborough Inn. Call x2938 for info.

Mental Health Lunch 'N Learn Lecture: "Treatment Resistant Depression," Matthew Rodorfer, NIMH, 1-2 p.m., 3100E Health Center. Call x4925 for info.

University Community Concert: Wind Soloists of the Chamber Orchestra of Europe, featuring

Mozart's Serenade in B-flat, Gran Partita, K. 361 and Dvorak's Serenade in D minor, Op. 44, 8 p.m., Center of Adult Education, \$16.50 standard admission, \$14 seniors and students. Call x6534 for info.*

Movies: "Weekend at Bernie's," and "Beyond the Valley of the Dolls," Hoff Theater. Call x2594 for info.*

4 SAT

Artist Scholarship Benefit Concert: "Music of the Americas," featuring Linda Mabbs, soprano and Santiago Rodriguez, piano, performing works by Guastavino, Sas, Ginestera, Villa-Lobos, Fernandez and others, 8 p.m., Tawes Theatre, \$10 standard admission, \$7 seniors and students. Call x6669*

Movies: "Weekend at Bernie's," and "Beyond the Valley of the Dolls," Hoff Theater. Call x2594 for info.*

5 SUN

Men's Basketball: Athletes in Action exhibition, Cole Field House. Call x2123 for info.*

Astronomy Observatory Talk/Slide Show: "BIMA: The Berkeley Illinois Maryland Array," L. Mundy, 8 p.m., Astronomy Observatory. Call x3001 for info.

Movie: "Weekend at Bernie's," Hoff Theater. Call x2594 for info.*

6 MON

CISSM MacArthur Lecture, featuring Sir Ewan Jamieson, former Chief of the Defense Staff of New Zealand on New Zealand's nuclear policy, 12-1:30 p.m., Student Lounge, Morrill Hall. Call x4344 for info.

History Department Revolutions Lecture: "Pancho Villa and the Mexican Revolution," Friedrich Katz, U. of Chicago, 3 p.m., 2205 LeFrak Hall. Call x2843 for info.

Computer Science Colloquium: "Management of a Remote Backup Copy for Disaster Recovery," Hector Garcia-Molina, Princeton U., 4 p.m., 0111 Classroom Bldg. Call x4244 for info.

Horticulture Seminar: "Transgenic Plants," Ann Smigocki, USDA, 4 p.m., 0128B Holzapfel Hall. Call x3606 for info.

Space Science Seminar: "Dynamics of the Tail Current Sheet and Particle Chaos," Paul Dusenbery, NSF, 4:30 p.m., 1113 Computer & Space Sciences Bldg. Call x3136 for info.

Crossroads in Film Series: "Losing Ground" by Kathleen Collins Prettyman, a portrayal of upward

mobility and black identity, 8 p.m., Hoff Theater. Call x5351 for info.

7 TUE

CRS Registration Ends, for team billiards. Call x3124 for info.

Zoology Seminar: "Population Models for the Management of Endangered Species in Captivity," Jon Ballou, National Zoological Park, noon, 1208 Zoo/Psych. Bldg. Call x3202 for info.

Art Department Minorities & Women Lecture: Sculptor Nancy Holt will discuss her work, 12:30 p.m., Art/Sociology Bldg. Call x0344/5 for info.

Physics and Astronomy Colloquium: "Half-Collision Dynamics Induced by Intense Laser Pulses," Wendell T. Hill, 4 p.m., 1410 Physics Bldg. Call x3512 for info.

Design Alumni Chapter Meeting, 7 p.m., Design Conference Room, Marie Mount Hall. Call x5471 for info.

Movies: "Wuthering Heights" and "Goodbye Mr. Chips," Hoff Theater. Call x2594 for info.*

8 WED

Employee Development Seminars: "Supervisory Development Course: Communications Styles and Strategies for Supervisors," Maryland State Management Development Center, today and tomorrow, 9 a.m.-4 p.m., 0109 Center of Adult Education, \$60. Call x4811 for info.*

International Coffee Hour, 3-4:30 p.m., 0205 Jimenez Hall. Call x4925 for info.

Career Development Center Workshop, "Job Search Strategies for Practical Training: A Workshop for F-1 & J-1 Visa Holders," featuring recent international graduates, 4-6 p.m., Room S, Hornbake Library. Call x2813 for info.

Dance Faculty Performance, today through Nov. 11, 8 p.m., Studio Theater EE, \$7 and \$5. Call x4056 for info.*

20th Century Ensemble, featuring Meyer Kupferman piano retrospective and UM student composers, 8 p.m., Tawes Recital Hall. Call x6669 for info.

Movies: "Wuthering Heights" and "Goodbye Mr. Chips," Hoff Theater. Call x2594 for info.*

* Admission charge for this event. All others are free.

Calendar information may be sent to John Fritz, 2101 Turner Laboratory or (via electronic mail) to jlfritz@pres.umd.edu.

Puzzled About the 'Open Season' for Health Plans?

If you are confused about the choices of health plans available to university employees and what to do about the 'open season' for making changes, tune in to the Flagship Channel (cable 38B in Prince George's County) on Wednesday, Nov. 1 at 7:30 p.m. and call in your questions to the experts. Louise Arsenault and Gene Edwards of the Personnel Services office will be on camera to explain everything you wanted to know and can be reached by calling 454-8075 during the program. This first-ever call-in show on the new university cable channel has been especially designed to assist faculty and staff employees at the College Park campus.

ARTS AT MARYLAND

Theatrical Role Puts Heavy Load on Puppeteer

One can understand if puppeteer Andy Dovel feels a great burden in his current role with University Theatre.

After all, he's following in the footsteps of a pretty good puppeteer who worked for the theatre in his student days at College Park—a fellow named Jim Henson. Anyone might feel psyched out in a puppeteering role at the alma mater of the Muppets' creator.

But weight training? Come on.

Dovel, a pre-business major and part-time professional puppeteer, has been pumping iron for the last several weeks in preparation for his role in the upcoming University Theatre production of the comic musical *Little Shop of Horrors*. The play will be performed Nov. 9-12 and 16-18 in Tawes Theatre.

But before you call the Counseling Center, rest assured that Dovel's weight training is not a stress reaction to the task before him. He's under orders. The play's director, Kate Ufema, assistant professor of theatre, insisted that Dovel bulk up for the performance.

Does that mean Ufema is the kook? Is she a frustrated football coach putting defenseless theatre majors through twice-a-day rehearsals that include wind sprints and hitting drills?

Not at all. If anything, by sending

Dovel to the weight room Ufema has demonstrated herself as a level-headed and conscientious director. Without a few weeks of bench pressing and such, Dovel might have hurt himself.

Little Shop of Horrors is just that kind of play. When dealing with a production that centers on a man-eating plant that sings rock-n-roll, a director is bound to make some unusual demands on her cast and crew.

Dovel's puppet in *Little Shop of Horrors* is a nine-foot tall fiberglass plant that weighs in the neighborhood of 50 pounds. Dovel must carry the plant as he manipulates it.

While the plant is a standard feature in productions of *Little Shop of Horrors*, the College Park version—custom-made by technical director David Krebs, scene designer Laura Stowe and the theatre's technical crew—is weightier than most.

"When you put a technically difficult show on a big stage [like Tawes Theatre], you have big technical problems," Ufema says.

"*Little Shop of Horrors* ordinarily is done on a smaller stage and has a smaller plant. On Tawes [the regular plant] would have been dwarfed. Also the standard materials for the plant are cloth, foam and chicken wire. That



Part of Andy Dovel's preparation for his role in the upcoming production of *Little Shop of Horrors* includes weight lifting.

makes it light, but it looks like jello when it moves. I asked David (Krebs) to experiment with other materials to see if we could develop a sturdier, more realistic plant."

Hence, the 50-pound Audrey Two. Audrey Two is the plant's name.

At times during the production, Dovel, even with his freshly developed muscles,

may yearn for a more gelatinous Audrey Two. But, if it's any consolation, he is lucky he didn't have the same role in the recent film version of *Little Shop of Horrors*. The film's Audrey Two weighed two tons.

For ticket information call 454-2201. ■

—Brian Busek

"Picturing America"



Thomas Hart Benton's lithograph, "The Woodpile," is on display at the Art Gallery as part of a continuing exhibit of works from the Gallery's permanent collection. The show includes a suite of athlete portraits by Andy Warhol and a collection of American works from 1920-45. While the exhibit has been on display since the beginning of the semester, the show will change somewhat this week. An exhibition on Black printmakers left the gallery last week, leaving room for more pieces from the permanent collection. Newly installed pieces from the permanent collection go on exhibit today. For more information call 454-2763.

'Music of Americas' Will Celebrate Columbus Day in November

No, you didn't miss the Columbus Day performance by Linda Mabbs and Santiago Rodriguez. They're just running a little late.

Mabbs, a vocalist and associate professor of music, and Rodriguez, a pianist and associate professor of music, will perform "Music of the Americas" at 8 p.m. Saturday, Nov. 4, in Tawes Theatre. The concert is part of the Artist Benefit Scholarship Series.

"We planned to do the concert in honor of Columbus Day," Mabbs says. "We thought it would be interesting to do an evening of music and poetry from the Americas. As we got into it we realized there is such a wealth of music from South America that we decided to concentrate on that region."

Although scheduling conflicts moved the performance a few weeks away from Columbus Day, the Columbian theme will remain intact at the Nov. 4 performance. The program is also offering some music that likely will be new to College Park audiences.

In planning the program, Mabbs and Rodriguez chose a number of South American songs that they recalled having heard. The Cuban-born Rodriguez and Mabbs, who lived in Brazil for five years as a child, have a native familiarity with the music.



Linda Mabbs

When the musicians began to search for some scores, however, they found them to be a rare commodity stateside. After failing to find scores at the Library of Congress, Mabbs and Rodriguez sought help from the Latin music center at Indiana University.

The concert program will include works by composers Carlos Guastavino, Andres Sas, Alberto Ginestera, Heitor Villa-Lobos and Oscar Lorenzo Fernandez with texts by Gabriela Mistral and Daniel Castaneda. ■

—Brian Busek

School of Architecture Hosts First Kibel Lecture

Canadian architect Peter Rose will present the first annual Kibel Lecture at 7:30 p.m. Wed., Nov. 1, in the Architecture Auditorium. Rose is the principal architect of a firm he founded in 1974. He is the architect of residential, commercial, institutional and urban design in Canada and the United States. The lecture is endowed by a major grant from the Kibel Foundation, created by New York architect Henry Kibel.

CLOSE UP

Urban Entomologist Manages Community of People and Bugs

We generally think of ecosystems as interdependent communities of animal and plant populations in natural settings, such as deserts, rain forests, ponds. But Gene Wood thinks of city settings containing people and roaches, head lice and mice.

"There are urban ecosystems too," says Wood, a professor in the Dept. of



Gene Wood

AL DANIEGGER

Entomology who serves as an entomologist for the University of Maryland Cooperative Extension Service. Wood has spent the past 25 years managing pests in urban areas, 15 of those years working with public housing projects in Baltimore as well as health departments and school systems.

Wood's urban extension work began during the early 1970's when about 90 percent of Baltimore's 18,000 publichousing apartments had serious overpopulations of cockroaches. This presented potentially serious health risks to 65,000 residents.

According to Wood, monthly sprayings of pesticides were used in an attempt to control the problem. The bugs were inconvenienced by the sprayings, he says, but they didn't appear to mind too much. Some even seemed to develop a taste for the poisons and experienced little ill effect.

"The cockroaches eventually developed a resistance to every pesticide we tried except one," says Wood, "and that one wasn't showing effective control."

Wood explains that in every population of insects, there are always several individuals that cannot be killed by pesticides. "These individuals are able to break down chemicals to their basic elements and render them harmless," he says.

Because these insects are survivors,

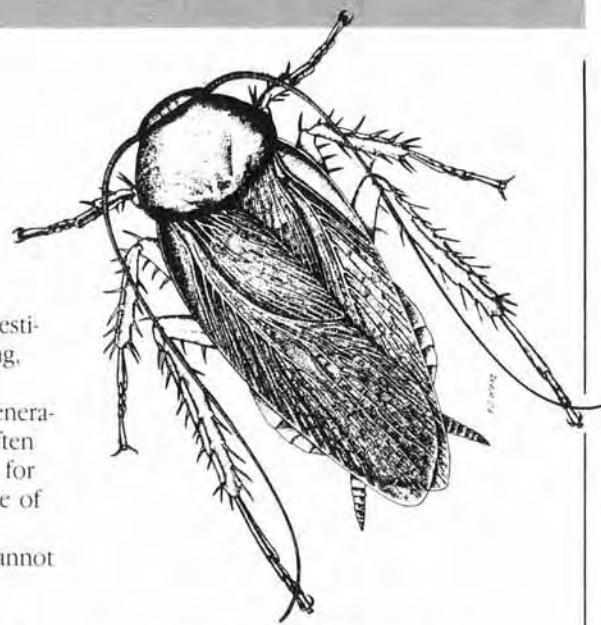
they proliferate and pass on their pesticide resistant genes to their offspring, resulting in an even tougher roach. Cockroaches move through their generational cycles so quickly, they are often able to develop pesticide resistance for an entire population within a couple of years.

"We had to try some duds that cannot be killed by pesticides. These individuals are able to break down chemicals to their basic elements and render them harmless," he says.

Because these insects are survivors, they proliferate and pass on their pesticide resistance environment so it wouldn't harbor cockroaches," he says. "Our main effort was to give residents and maintenance people explicit instructions on how to reduce harborages, improve food storage, clean appliances and eliminate standing water, such as from a dripping water faucet."

Residents of the public housing projects were also given roach bait stations and taught the proper use for them.

"It was mostly a matter of raising consciousness to change the people/pest ecosystem," Wood says. "We got pest control away from arbitrarily applying pesticides on a regular basis." One group of 300 apartments reduced their pest population by more than 80 percent through pest management, Wood says.



American Cockroach. Pen and ink drawing by Gene Wood.

Wood also has battled roach populations in the cafeterias and animal care facilities at the National Institutes of Health. The program reduced cockroach populations and the use of pesticides by 90 percent there. Wood is working on a similar program for the Washington Suburban Sanitary Commission.

In January Wood will retire after 25 years with the university. During his years studying and controlling insects, he developed a talent for drawing and painting—bugs mostly. But after his retirement he will concentrate on the fine arts. "The insects will be around a lot longer than I will," he says. ■

—Fariss Samarrai

Human Ecology Studies Homeless Preschoolers

When a preschool child's life is disrupted by homelessness—by living in shelters with strange people, by eating foods he or she may not be accustomed to, by eating at fixed times in an unfamiliar setting—what happens to the health, growth and development of that child?

The College of Human Ecology is looking into that question with a pilot study begun in July at ten Baltimore City shelters for the homeless.

According to researchers Martha L. Taylor, assistant professor in the Dept. of Human Nutrition and Food Systems, and Sally A. Koblinsky, professor of Family and Community Development, the study is the first of its type on preschool homeless children. Taylor and Koblinsky are looking at the physical health, nutritional status, and developmental skills of children from three to five years old in the ten Baltimore shelters.

"Our work has often involved children at risk, and in this study we wanted to look at an area that hasn't been studied before," says Taylor. "We know from other research about the growth and development of school-age homeless children, but there is little known about the nutritional health and

developmental skills of preschoolers in that situation," she says.

"I wondered about the quality of the food being provided and how it was being distributed. Preschoolers have small stomachs and eat small, frequent meals and snacks. But in the shelters, meals are provided only at fixed times, and mothers cannot keep food in their rooms. There also is the disruption of normal home life that might affect the growth patterns of these children. We want to see how these changes affect the appetite and behavior of preschool children."

Taylor and Koblinsky are conducting their study through two-hour interviews with the children's parents. "We ask about the parent's background and child-rearing behavior, the reasons for their homelessness, and about the child's health history and behavior," Koblinsky says. The children are also given a developmental skills test and their height, weight and fat-fold are recorded. Taylor and Koblinsky will later compare this data with that of preschool children who are not living in shelters.

Taylor and Koblinsky have interviewed 58 people, fifty-six of whom are single mothers and two single fathers. The researchers plan to interview up to



Martha L. Taylor

AL DANIEGGER

12 more parents in emergency and transitional shelters. The parents are each paid \$20 for their time.

Though their findings are preliminary, the researchers say it appears that meals in the shelters tend to be a bit fatty and there often is a lack of fresh fruit, vegetables and dairy products due to

storage problems. "There is no blatant malnutrition, however," Taylor says. "We were pleasantly surprised by the satisfactory conditions in the shelters. They were not threatening environments and are very reassuring for mothers and young children."

Koblinsky points out, however, that data from developmental measures indicate that "half of the children are experiencing developmental lags and many have social-emotional problems that may create difficulties when they enter school."

When the study is completed in December, Taylor and Koblinsky hope to have a more complete analysis of the nutritional needs and developmental growth of these children. They believe their research will lead to other such studies of preschool children in cities across the nation.

"It is for mostly financial reasons that these families are living in shelters," Taylor says. "Most cannot afford housing on a single small income. Some are battered women. But they are people who are willing to work and are trying to succeed. And their children are very important to them. These are families in transition." ■

—Fariss Samarrai

More Information About Open Enrollment

For faculty and staff who were unable to attend the session held recently on campus, the Personnel Services Department has arranged an additional health insurance open enrollment session. Health insurance representatives will be available for questions on Friday, Nov. 3, 10 a.m. to 12 noon and 1:30 to 4 p.m. in the Prince George's Room of the Stamp Union. *Even if you do not wish to make a change in your present coverage, you still must complete the form by Nov. 17. Call 454-6312 for information.*

JOURNALISM ROUNDUP

Grunig Named 1989 PRSA Outstanding Educator



James Grunig

James Grunig, professor of public relations in the College of Journalism, has been selected by the Public Relations Society of America as the recipient of its 1989 "Outstanding Educator Award."

Grunig was selected for what PRSA called his "major contribution to our profession in the advancement of public relations education." The award was presented during the Society's national conference in Dallas earlier this month.

Journalism professor Ray E. Hiebert was named PRSA outstanding educator in 1978 making College Park the first school in the country to have two winners of the prestigious national award on its faculty. ■

Former Editor Directs Journalism Public Affairs Reporting Program

Vanessa Gallman, former metropolitan editor of *The Washington Times*, now is the director of a new Washington and Annapolis public affairs reporting program for students of the College of Journalism.

Under her supervision, the program will give advanced undergraduate and graduate students a chance to cover news from the federal and state capitals, says Reese Cleghorn, dean of the College of Journalism. The stories will be distributed to newspapers and radio and television stations throughout Maryland and surrounding states.

Gallman, whose appointment began July 1, is overseeing the students' work in both capitals during an experimental first year that began this fall. The journalism school hopes to have the program firmly established the following year.

When the two bureaus are fully operational, Gallman will direct the Washington news bureau and another director will be added to oversee the Annapolis student reporting program. ■

Journalists to Study Cancer, Health

Twenty leading science and medical journalists studied the scientific and public policy aspects of cancer during a ten-day course earlier this month at the Knight Center for Specialized Journalism.

Among the topics the intensive course covered were immunology, viruses, prevention, detection and treatment, and the problems faced by cancer patients.

Researchers and clinicians from the National Cancer Institute, University of Maryland School of Medicine, Johns Hopkins Medical Institutions, Memorial Sloan-Kettering Cancer Center and other institutions taught the course.

Established in 1987 at the College of Journalism with a grant from the Knight Foundation, the Knight Center conducts intensive courses to help journalists im-

prove their coverage of complex subjects. Courses are offered in subjects such as science, finance and economics, and the law.

The committee which selected the October class from among 52 applicants consisted of Al Rossiter Jr., executive editor, United Press International; Walter Mears, vice president and columnist, The Associated Press, and Margaret Engel, executive director, Alicia Patterson Foundation, who is a reporter on leave from *The Washington Post*.

Center Director Howard Brey announced fellowship awards to the 20 journalists who represent such publications and organizations as: *Parade*, UPI, *Psychology Today*, the *Sacramento Bee* and *The Philadelphia Inquirer*, among others. ■

O'Brien Appointed Sun Lecturer

Patricia O'Brien, campaign press secretary for presidential candidate Michael Dukakis and a recent fellow at the Gannett Center for Media Studies in New York City, has been named the Baltimore *Sun* Distinguished Lecturer in the College of Journalism.

She is teaching the course "The Future of Journalism," on campus this semester.

The *Sun* lectureship was established in 1987, endowed by a \$50,000 grant from the A.S. Abell Foundation of Baltimore. The first appointment was held by John Herbers, former *New York Times* national correspondent. The second lecturer was Richard Harwood, ombudsman of *The Washington Post*.

O'Brien has been a Washington

political correspondent for Knight-Ridder Newspapers and a reporter for the *Chicago Sun-Times* and *South Bend (Ind.) Tribune*. She also has worked as a radio commentator for the Canadian Broadcasting Corp., for the CBS Radio "Spectrum" series, the CBS Morning News Show and public affairs TV programs in Chicago.

A journalism graduate of the University of Oregon, she has taught journalism at Northwestern University's Medill School and served as a Nieman Fellow at Harvard University. During her 1988-89 fellowship with the Gannett Center at Columbia University, she studied politics and the Washington media. ■

Business School Receives \$150,000 for Minority Scholarships

The College of Business and Management has received a gift of \$100,000 from Morgan Stanley & Co., Inc., an international investment banking firm based in New York, and a matching gift of \$50,000 from the state of Maryland. As part of the State Matching Gift Fund approved earlier this year by the Maryland Legislature, all gifts to Maryland's education institutions will be matched by the state on a 1:2 basis.

"The gift from Morgan Stanley, along with the matching money from the state, permits us to provide annual scholarships in finance to two minority students," says Mary Anne Waikart, director of the

business school's MBA program. "That gives us a total of 23 minority scholarships, all of which help us attract outstanding minority graduate students to the program."

The business school's MBA program consists of 600 students, 19.5 percent of whom are minority, 12 percent of whom are black. Last year the College of Business and Management received the Outstanding Educational Institution Award from the National Black MBA Association because of the school's commitment to recruiting and retaining black graduate students. ■

Earthquake Experts Respond to Media



Following the earthquake that struck northern California October 17, several experts from the College Park faculty responded to calls from local and national television, radio and print media

reporters seeking commentary on various aspects of the disaster.

David Schelling, civil engineering professor and director of the Bridge Engineering Software Center, commented on destruction to Bay Area highways and bridges for news organizations such as the *Today Show*, WMAL and WTOP radio, and *The Sun*.

John Loss, professor of architecture and co-director of the Architecture and Engineering Performance Center (AEPEC), appeared on WJLA-TV to discuss how buildings are designed and constructed to withstand earthquake stress.

Ned L. Gaylin, professor in the Dept. of Family and Community Development was quoted in *The Washington Post* about how families respond to crises and the sudden loss of loved ones or personal property as the result of a major catastrophe. ■

No Room of One's Own? Try Off-Campus Housing Service

The Off-Campus Housing Service, designed to assist members of the university community who are seeking housing or have space to rent, can serve both departmental and personal housing needs. Departments may obtain a personalized computer printout of available housing for visiting or prospective faculty who may not yet be in the area. Faculty wishing to rent their houses for a semester or a year may use the listing service. These and other services are available at no charge. Call 454-3645 for more information.

Point of View: Professors Need a Code of Ethics

by Morris Freedman, Department of English

Issues involving ethics acutely trouble politicians and many professionals these days, but campuses continue almost completely to scant or ignore them.

Under pressures from Congress and government agencies, they now look attentively and sternly at plagiarism and similar frauds. They remain largely oblivious, however, to ethical and moral infractions.

In my nearly half century as a professor and occasional administrator, I don't think I have seen a period like the present in which professors and administrators have been so insensitive to transgressions of tradition, honesty, propriety, academic justice, honor, even the law.

I say this having taught at the City College of New York (now CUNY) during the basketball scandals. Players argued that they were doing nothing 'wrong' since they didn't lose games, only bet on them and controlled the number of winning points. Professors and students supported the athletes. Administrators at the time justified keeping vending machines in narrow corridors in defiance of fire laws because they earned money for the campus.

The casualness about ethical rectitude these days is more subtle perhaps but also more pervasive. Conflict of interest, for example, is barely recognized. Members of committees to recommend research or travel funding, or merit increments, first give themselves especially generous grants before allotting the rest of the budget. Ambitious administrators carry themselves like ward politicians, distributing favors in return for support. We need hardly mention the sorts of conspiracies all campus personnel engage in at times to protect sports.

New administrators often mistake the limits of the prerogatives. One inexperienced department head unhesitatingly rewarded her lover an excessive salary raise. ("Essex and Elizabeth," observed her amused superior, also fresh in the job.) Another used merit funds to reward favorites, unaware of accomplishments of others and of practice governing evaluation.

Simple but hardly excusable naivete sometimes explains lapses of propriety. But callow officials and seasoned professors alike sometimes seem to choose to be oblivious of protocol or precedent. Novice and veteran faculty use reduced teaching schedules not to do research, serve on committees, or prepare for classes but to pursue entirely irrelevant private goals. New jet sets of officials and professors touch down on campuses far distant from their main homes only long enough to let students and associates glimpse them. Remember that professor who raced up and down the east coast to hold down appointments in different disciplines at different campuses.

More pernicious are the indecencies that arise out of the normal power relationships. Unscrupulous, morally numb professors will exact shocking submis-

sion from students. Graduate professors think little of appropriating a student's work although, as has been observed, such swindery inevitably provokes its own punishment. Senior faculty exploit junior colleagues anxious about tenure. We have all heard of notorious outrages involving sexual favors.

No less outrageous are politically leftist and rightist professors, ideologically unmodulated feminists, old-fashioned male chauvinists, fanatically pro- or anti-abortion activists, who intimidate helpless students into parroting their commitments.

In promoting their own careers, professors evolve subtle and gross adaptations to changing academic environments. When communities began rewarding 'publication' inordinately, faculty responded with ingenious survival mechanisms. A historian of science has suggested that recent plagues of plagiarism were reactions to pressures to publish.

A whole separate class of dubious professional behavior involves publishing, other than straightforward plagiarism. To inflate their resumes, professors publish essentially the same books over and over with different titles and texts. Some fudge footnotes. Some simply misrepresent publications. Many depend on superiors not reading publications and not distinguishing between one journal and another. Activity of this sort im-

plicates uncaring officials as much as culpable faculty.

Sometimes the most attentive collegial scrutiny may be baffled by obvious fiddling. On public television, a bemused observer wondered how to handle the reissuing of papers carrying multiple by-lines over the names of each contributor separately, as though each were alone responsible for the team research.

Ethical casualness, moral slackness, indifference to the sort of civilized behavior we like to associate with academic life have intensified, I think, with the influx into American campuses of the worst excesses of the competitive ethos accompanying the post World War II boom in higher education.

Academia's glittering prize has become status, not the fulfillment that comes with achievement in teaching, scholarship, creativity, research. Many seek reputation only for the salary it will assure, the release it will bring from the chores of the classroom, the library, the laboratory. Academia's dirty little secret is money. The hero of David Lodge's satiric novel, *Small World*, has as his main ambition to be the highest paid professor of English in the world. Too many minor and major pirates have reduced academic heroism simply to making it in terms of financial primacy.

Yet, obviously, we still pretend to an integrity, a core of values, that have long and honorable histories. We have ar-

ticulated our expectations of honesty and performance among students. We know that other professions have laboriously worked out processes and standards that define their ethical character.

It seems time for colleges and universities, and perhaps for the national professional organizations covering the disciplines, to develop codes that will define and regulate ethical and moral behavior of professors. ■

Outlook is interested in your comments about this matter and welcomes your written responses.

Construction Update

Since installation of the new \$32.8 million telecommunication system is resulting in an unusual amount of construction at College Park this fall, *Outlook* will try to let members of the campus community know when the work is coming their way.

We are planning a regular feature in this space which will list new construction work scheduled for the near future. The column will focus on trench work associated with installation of conduit for the telecommunications systems and include information about other major projects likely to cause disruptions in particular areas of the campus.

The schedule is subject to change due to weather, the pace of construction and other factors.

The information in this column has been compiled with the help of Eric Livingston, construction manager in Engineering and Architectural Services.

Trench work is scheduled for Oct. 30-Nov. 3:

- The east side of the H. J. Patterson Building with work also on the sidewalk in front of the building;
- The east side of the Skinner Building and Woods Hall;
- The west side of Field House Drive just west of the Byrd Stadium and Stadium Drive west of the stadium;
- Regents and Stadium Drives in the area of the J.M. Patterson Building;
- The north side of Stadium Drive between Regents and Paint Branch Drives with the sidewalk on the north side of Stadium Drive completely blocked;
- The east side of Stadium Drive in front of the Wind Tunnel with the sidewalk on the east side of the street completely blocked;
- Sidewalk restoration work will continue on Field House Drive and on the east side of the Microbiology building. ■

Breaking the Ground for Archives II



On Oct. 17 a symbolic groundbreaking ceremony marked the onset of construction for Archives II, the \$205 million, 1.7-million square-foot Second National Archives Building at College Park, scheduled for completion in fall 1993. Participating in the event are (from left) University President William E. Kirwan, Governor William Donald Schaefer, State Comptroller Louis Goldstein, Senator Paul Sarbanes, Congressman Steny H. Hoyer, State Treasurer Lucille Maurer, United States Archivist Don W. Wilson and Prince George's County Executive Paris N. Glendening.